# The Universal Radiographic System

## Specifications

### Basic unit
- **Source-image distance (SID):** 100-200 cm, continuously adjustable (manually)
- **Power supply:** 115, 208, 230, 240 VAC; single phase, 350 VA
- **Dimensions (H x W x D):** 2,720 mm x 2,260 mm x 1,400 mm

### Main column
- Study wall and floor-mounted support column with counterbalanced swivel arm for effortless, accurate setting

### Swivel arm
- **Vertical Travel:** 1,140 mm
- **Brakes:** Electromagnetic (24 V DC), and manual

### Bucky unit
- **Type:** with cassette holder and bucky (max. cassette size: 43 x 43 cm)
- **Grid:** 103 lines / Ratio 10:1 / f0 = 150 cm. Other grids can be used if required

### Generator
- **SEDECAL Compact X-ray generator** (line powered / battery powered)

### Collimator
- Manual collimator with light field indicator and rails for accessories

### Patient table
- **Dimensions (L x W x H):** 2,000 mm x 650 mm x 700 mm

### Options
- Installation of bucky on right hand side
- Ionization chamber for bucky unit
- Motorized movement for SID and vertical travel

### Accessories
- Compression band device
- Head support

### Weights
- **non-motorized:**
  - URS net weight (table not included): 260 kg
  - Table net weight: 46 kg
- **motorized:**
  - 294 kg
  - 46 kg

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Specifications subject to change without prior notice.
SEDECAL X

Sedecal X is a universal swivel arm X-ray system. It is easy to operate and permits a swift radiographic procedure, a feature which applies to all conventional exposure techniques on all parts of the body.

The system is composed of a floor-to-wall column and a turnable arm with variable height centre. It allows to take exposures of patients in standing, sitting or laying position. Owing to its compact design Sedecal X is a low-cost radiography system which takes up little space and is quick to install.

Exposures of patient in the seated position

During all movements of the swivel arm, and when the Bucky unit is tilted, the radiation beam axis always remains aimed at the centre of the film. This simplifies making adjustments and speeds up positioning. During exposure the patient adopts a comfortable, relaxed posture.

Exposures of patients in the standing position

Owing to the large vertical movement of the swivel arm patients in the standing position can be examined from head to foot. The large SID of 2.0 m in conjunction with the short source-image distance allows images with optimum geometry. Frequent applications are, for example, exposures of the chest and extremities.

Exposures of patients in the lying position

With the patient table the patient can be moved into any required position without the need for repositioning. Therefore Sedecal X offers the same advantages as a Bucky radiography table with a floating table top.